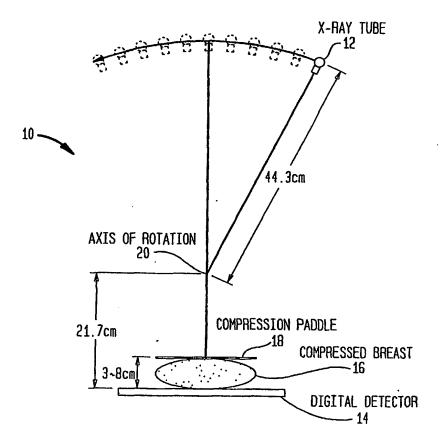
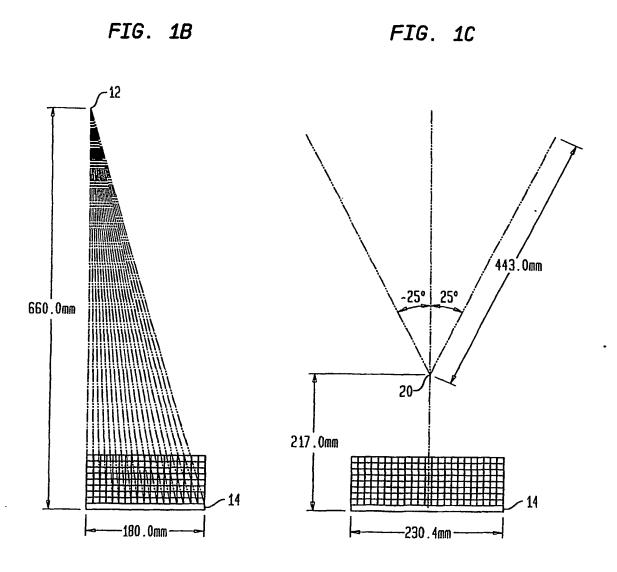
FIG. 1A





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FIG. 2

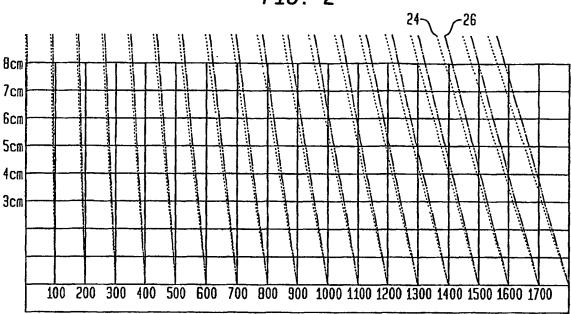


FIG. 3A

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FIG. 3B

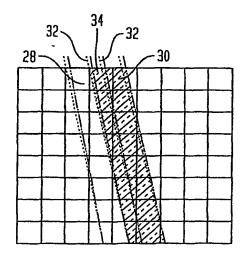
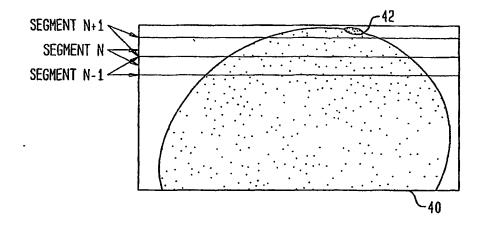


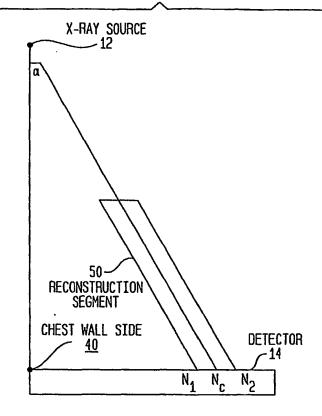
FIG. 4



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FIG. 5



NA:INDEX OF THE FIRST DETECTOR ROW IN SEGMENT N NA:INDEX OF THE LAST DETECTOR ROW IN SEGMENT N NC:INDEX OF THE CENTER ROW IN SEGMENT N NC=25·N N2=25·N+49 N2=25·N+25

THE SLOPE OF THE VOLUME IS REPRESENTED BY α , THE ANGLE MADE BY THE DETECTOR PLANE AND THE LINE CONNECTING THE CENTER OF SEGMENT N AND THE X-RAY SOURCE AT 0°:

 $Tan(\alpha) = (Nc \cdot \Delta) / SD$ $\Delta: DETECTOR PIXEL SIZE$ SD:SOURCE-TO-DETECTOR DISTANCE

FIG. 6

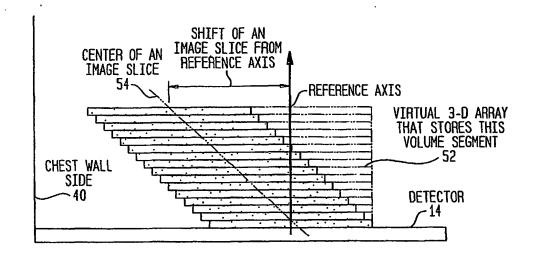
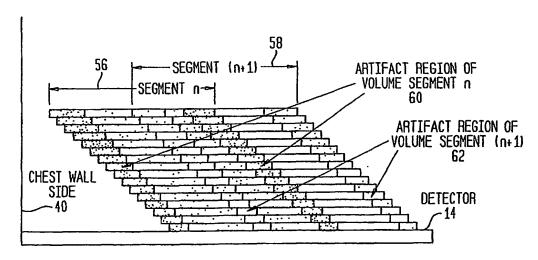
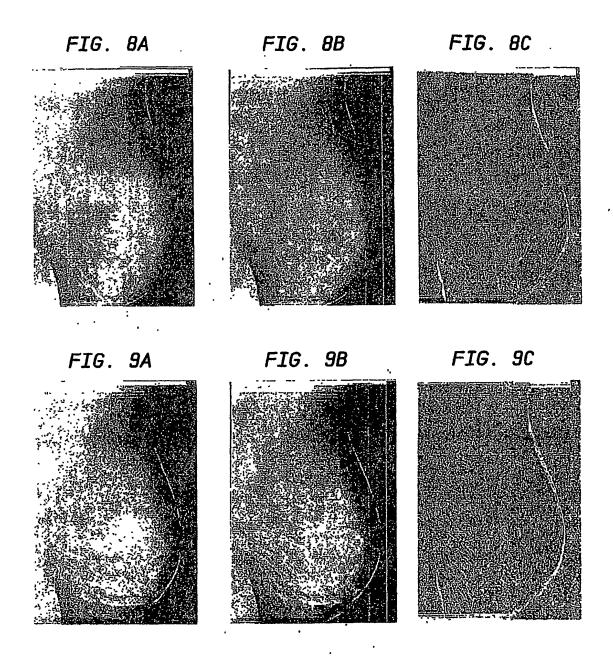


FIG. 7



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